

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 G01N27/00 G01N5/02 G01N11/16 G01N29/02

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC 7 G01N

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the International search (name of data base and, where practical, search terms used)

EPO-Internal

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 5 325 704 A (MARIANI ELIO A ET AL) 5 July 1994 (1994-07-05) column 2, line 26 - line 60	1-4
Y	US 5 936 150 A (SEABURY CHARLES W ET AL) 10 August 1999 (1999-08-10) cited in the application the whole document	1
Y	US 6 196 059 B1 (UTTENTHALER ERICH ET AL) 6 March 2001 (2001-03-06) column 3, line 28 - line 39	1
A	US 2002/170341 A1 (JAKOBY BERNHARD ET AL) 21 November 2002 (2002-11-21) paragraph '0021! - paragraph '0025!; figure 1	1

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

* Special categories of cited documents :

- *A* document defining the general state of the art which is not considered to be of particular relevance
- *E* earlier document but published on or after the International filing date
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- *O* document referring to an oral disclosure, use, exhibition or other means
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- *Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
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Date of the actual completion of the International search

9 December 2004

Date of mailing of the International search report

22/12/2004

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	S. J. MARTIN ET AL.: "gas sensing with surface acoustic wave devices" 1985 INTERNATIONAL CONFERENCE ON SOLID-STATE SENSORS AND ACTUATORS-DIGEST OF TECHNICAL PAPERS, 1985, pages 71-73, XP008040158 page 71, left-hand column, paragraphs 1,2; figure 1	1
A	----- US 5 932 953 A (DREES DENNIS M ET AL) 3 August 1999 (1999-08-03) column 4, line 56 - column 5, line 40; figures 1,2	1
A	----- H. P. LOEBL: "solidly mounted bulk acoustic wave filters for the ghz frequency range" PROC. IEEE ULTRASONICS SYMPOSIUM, vol. 1, 2002, XP008040146 abstract -----	1

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
US 5325704	A	05-07-1994	NONE	
US 5936150	A	10-08-1999	NONE	
US 6196059	B1	06-03-2001	NONE	
US 2002170341	A1	21-11-2002	DE 10112433 A1 JP 2002323424 A	02-10-2002 08-11-2002
US 5932953	A	03-08-1999	AU 8176898 A BR 9810479 A CA 2295225 A1 EP 1018173 A1 WO 9900855 A1	19-01-1999 12-09-2000 07-01-1999 12-07-2000 07-01-1999